**Case Study Instructions:**

I am working on a case study and need assistance with the following two topics for the case study based on the other attachment:

**1)** Provide capacity evaluation for both old and new scanners for the original process flow. Your analysis should look at the maximum capacity (in terms of scans/hour), average throughput, and resource utilizations.

**and**

**2)**What level of scanning throughput could the hospital achieve after the recommended improvements? What hourly margins would result from using the new scanners with all improvements in place? How would these margins compare with using old scanners?

The response for each should be anywhere from 1 to 2 pages. Please follow the below instructions.

**Rubric for Case Study Analysis**

Although the case study will include questions, these questions are to guide your thinking -- simply answering them will not constitute an adequate response. You should be concerned that you demonstrate your ability to identify and resolve problems arising in the case study. Always ask yourself if you have taken the discussion to the next level of analysis.

The following six suggestions will help you organize your case study essay:

**Define the Problem:**

* What is the problem(s) you intend to address? Identify the issues and underlying causes.
* Identify the firm's current operations management strategy along with its corporate strategy.
* Use the facts from the case study to discuss these issues. The case will have extraneous information, and the ability to differentiate between relevant and irrelevant information is an important aspect of case analysis.

**Recommend a Solution:**

* Recommend the operations management strategy that the firm should follow.
* Develop and support a recommended solution(s). The justification may be based on your experience and/or examples from academic or professional and academic sources. Be sure to cite sources. Show all charts and quantitative methods applicable.

Include description of external and internal constraints as well as how the solution helps position the firm competitively and serves its stakeholders (e.g. share holders, customers, employees, and society).

**Recommendations should be realistic, reasonable, and achievable!**